

COMPLETE LISTING OF CLAIMS

IN ASCENDING ORDER WITH STATUS INDICATOR

1. (Currently Amended) A method of operating a brake assistant system which comprises a first mode of operation in which the brake assist system is not actuated, a second mode of operation in which after recognition of an emergency brake situation a pressure build-up of wheel brakes is generated, and a third mode of operation which is provided for the transition from the second into the first mode of operation, comprising the steps of:

monitoring the master cylinder pressure in the third mode of operation,
determining when the wheel brake pressure is excessively elevated compared to the monitored master cylinder pressure, and

diminishing [controlling] the amount of excess elevation by functionally correlating the wheel brake pressure with the monitored master cylinder pressure throughout the duration of the third mode of operation, wherein the [controlling] diminishing step further includes determining a momentary value of the wheel brake pressure by multiplying a momentary value of a time-dependent excess elevation function with a momentary value of the master cylinder pressure throughout the duration of the third mode of operation and wherein said controlling step further includes keeping the excess elevation function constant in time intervals in which the master cylinder is increasing.

10. (Previously Presented) The method according to claim 1, wherein the excess elevation is a function of a driving situation and/or an input of a vehicle driver via the brake pedal.

17. (Previously Presented) The method according to claim 1, wherein the momentary value of the excess elevation function is a function of a previous course of the master cylinder pressure.

18. (Previously Presented) The method according to claim 1, further including the step of presetting a maximum value for the excess elevation function.

19. (Previously Presented) The method according to claim 1, further including the step of changing the brake assistant system from the third mode of operation into the first mode of operation when the excess elevation function substantially has a value equal to 1.